

Elution Test Summary:

Homemade ETOH Releaser - Single Pipe Cleaner Wick 250 ml bottle (bottles filled)

Manufacturer/Supplier: Homemade

Product number: Nalgene® 250 ml HDPE bottle no. 312004-0008.

Description: Nalgene® bottle (250 ml) used with pipe cleaner wick and 9/64 inch hole drilled through lid. This evaluation used an initial starting load of about 270 ml (bottles filled) ETOH (95% ethanol, laboratory grade).

(Right) Homemade ETOH releaser consisting of 250 ml bottle and pipe cleaner wick.



Our Evaluation:

Location: Pineville, LA

Dates: 7 June to 19 July 2007

Duration: 42 days

Temperature mean (°F):

80.3 (30 d)

80.3 (42 d)

Weight loss mean (g/d):

Sun

0 to 30 d = 5.77

0 to 42 d = 5.31

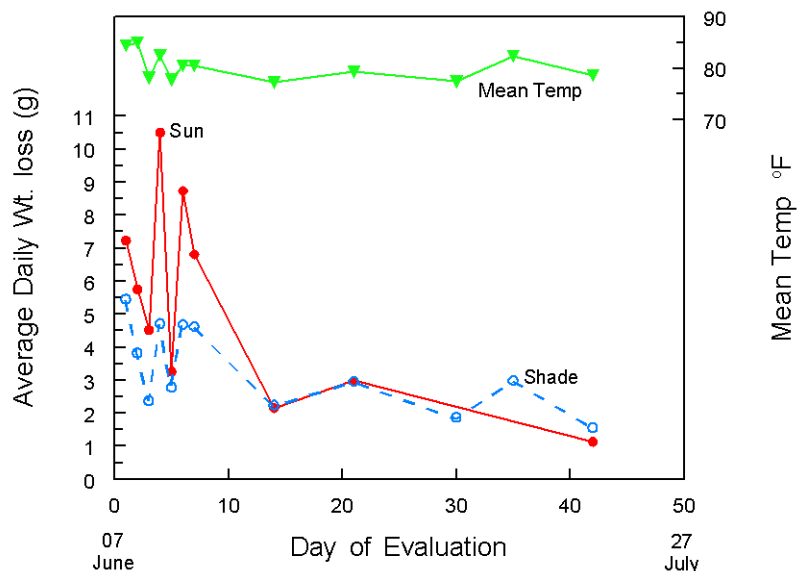
Shade

0 to 30 d = 3.55

0 to 42 d = 3.34

Comments: 5 devices each sun & shade.

Homemade ETOH - Single Pipe Cleaner Wick Pineville, LA 2007



Copies and data may be obtained at <http://www.fs.fed.us/foresthealth/technology/elutionrate>. For more information please contact: Brian Strom, USDA Forest Service, SRS-RWU-4552, Pineville, LA 71360 (brianstrom@fs.fed.us); Sheri Smith, USDA Forest Service, R-5 Forest Health Protection, Susanville, CA 96130 (ssmith@fs.fed.us); or Andy Trent, USDA Forest Service, Missoula Technology Development Center, Missoula, MT 59808 (atrent@fs.fed.us).